

FIG. 2

The schematic diagram (FIG. 2) illustrates a chemical process system. It features several interconnected vessels and pumps. At the top left, a feed stream 254 enters a vertical vessel 216. The output of 216 goes through a control valve 221 and a pump 222 to a large horizontal vessel 224. A side stream from vessel 224 passes through a control valve 223 and a pump 228 to a vertical vessel 230. Vessel 230 is connected to a horizontal vessel 262 via a control valve 231. A feed stream 257 enters vessel 262 from the left, passing through a control valve 264 and pumps 266 and 268. The output of vessel 262 goes through a control valve 255 to a horizontal vessel 272. A side stream from vessel 272 passes through a control valve 273 and a pump 274 to a vertical vessel 282. Vessel 282 is connected to a horizontal vessel 288 via a control valve 283. A feed stream 279 enters vessel 288 from the left, passing through a control valve 280 and pumps 285 and 286. The output of vessel 288 goes through a control valve 291 and a pump 292 to a vertical vessel 294. A side stream from vessel 294 passes through a control valve 297 and a pump 295 to a final output stream 293. The diagram includes numerous control valves (indicated by 'X' symbols) and pumps (indicated by circles with arrows).

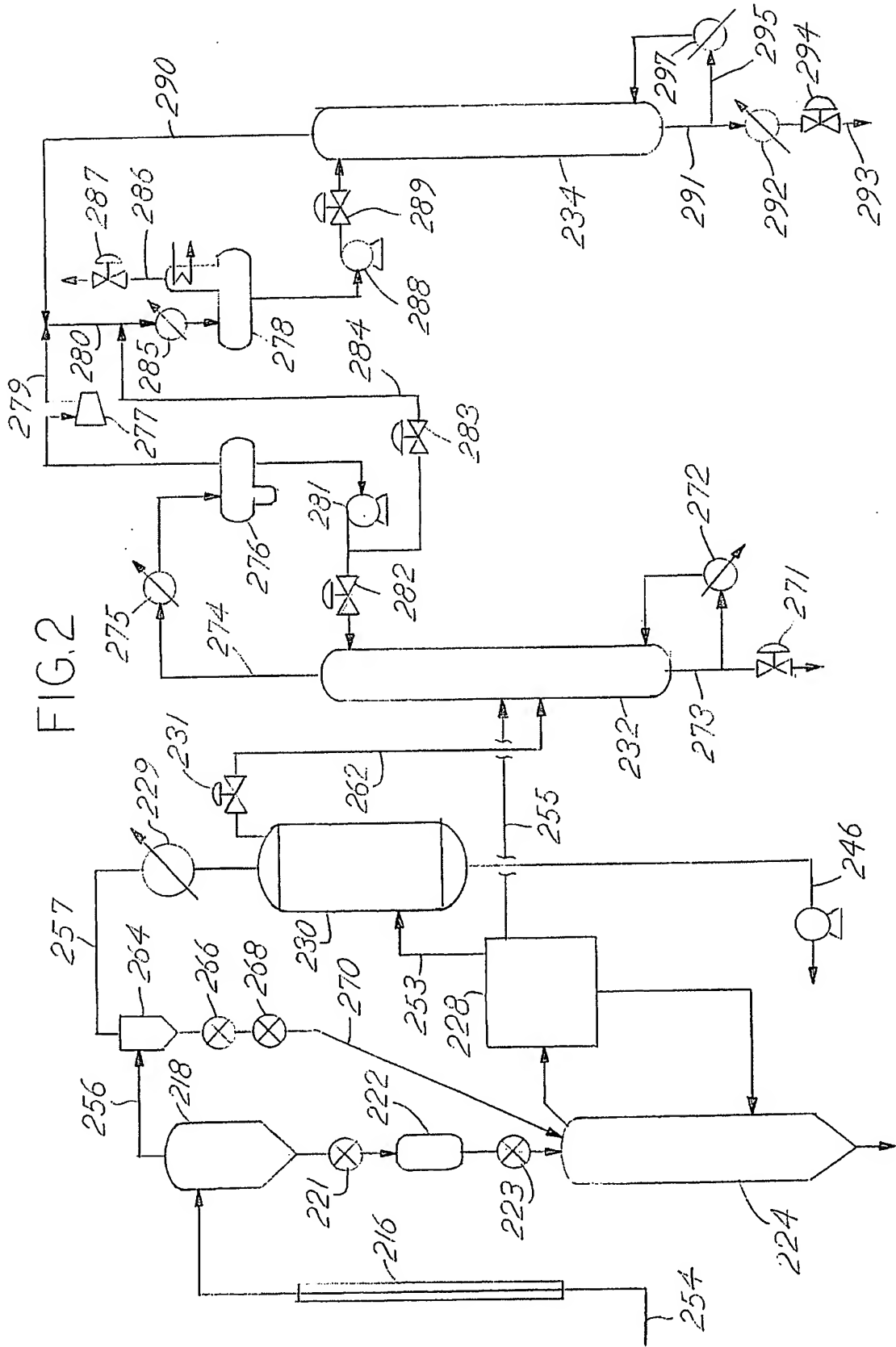


FIG. 3

